



SDMS DocID

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, PA 19103-20209

DATE: November 29, 2000

TO: (b) (4)
Superfund Technical Assessment and Response Team

FROM: Michael Towle *Michael Towle*
On-Scene Coordinator

RE: Brandywine Creek Mystery Oil Site - Analytical Services
Wilmington, New Castle County, DE

Please arrange for the analysis of samples as described below in support of oil spill assessment at the above referenced site.

Analytical Request:

1. Anticipated Sampling Dates: November 28, 2000
2. Requested Analyses:

<u>Matrix¹</u>	<u>No. of Samples²</u>	<u>Analyses³</u>	<u>Method⁴</u>	<u>Turnaround Time⁵</u>
Sediment	6		PCBs	SW-846 7 day HC 3550/8082
Sediment	15		TPHC	SW-846 7 day HC 8440
Sediment	3		Oil Fingerprint	SW-846 7 day HC 8015 Modified

3. Level of Validation: M2, IM2
4. Validation Turnaround Time: 2 weeks
5. STARTurnaround Time: 1 week

Analytical Process Documentation

As specified by the Director of EPA OERR, the recommended decision tree for selecting contract vehicles for analytical services is:

- Tier 1: EPA Regional Laboratory and Environmental Services Assistance Team (ESAT)
- Tier 2: National Analytical Services Contracts (i.e., Contract Laboratory Program (CLP))
- Tier 3: Region Specific Analytical Services Contracts
- Tier 4: Analytical Services Interagency Grants and Field Contracts/Subcontracts (i.e., START, ERRS, ESS, ARCS, etc.)

Tier 4 was selected for the Brandywine Mystery Oil Spill Site because the OSC needs the results in 14 days to prevent delays in ongoing removal site work at the 12th Street Landfill/Dump Site. In addition, the validated results are needed within 3 weeks of sample collection and a M2 data validation requires 30 days through ESAT.

Original

- ¹Matrix - sample medium, e.g., soil, water, waste, air, dust, paint chips, concrete, etc.
- ²No. of Samples - include number of expected field samples, field duplicates, and trip or field blanks.
- ³Analyses - indicate analyses requested, e.g., TAL metals (CLP metals), TCL organics (CLP organics), VOCs, Semi-VOCs, pesticides, PCBs, dioxins, individual analytes, e.g., lead, TCE, etc.
- ⁴Method - Indicate method requested, e.g., CLP, SW-846, NIOSH, OSHA, other.
- ⁵Turnaround time- indicate requested analytical turnaround time, e.g., 35 days, 2 weeks, 5 days, 48 hr, 24 hour., etc. Specify if for verbals, final, etc.